

# Feedback on the 2<sup>nd</sup> IPv6 interoperability event organized by ETSI plugtests service



**ETSI** 

## IPv6 Interoperability Event

**Topics:** core IPv6, PPPv6, mobile IPv6, ROHC, Diffserv, RIPng, transition IPv4-IPv6, misc.

**Tests cases , test scenarios, tools available on site from:** ENST, IRISA, G6TEST, ERICSSON, TAHI, UNH

**When:** 19-23 November 2001

**Where:** Cannes – France organised by ETSI



**MORE INFO :**  
[plugtests@etsi.fr](mailto:plugtests@etsi.fr)  
[www.etsi.org/plugtests/](http://www.etsi.org/plugtests/)



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# ETSI events dedicated to IPv6 interoperability testing

- In **October 2000**, ETSI (European Telecom. Standardization Institute) hold its **first** interoperability event (called bake-off) concerning IPv6 protocols (including MIPv6) at Sophia-Antipolis (nearby Nice), in France
- The **second**, a bit larger with new features and more expertise, was held **19-23 November 2001**, at Cannes
  - **37 people** coming from **16 different companies** and **6 different countries**
    - **Testers** : UNH/IOL (USA), TAHI project(Japan), Ericsson Research (Hungary) and G6test (IRISA & ENST Bretagne in France)
    - **Vendors** : 6wind S.A., Cisco Systems, Compaq Computer Corporation, Helsinki University, Hitachi Internetworking, Hitachi Ltd., Lucent Technology, Microsoft Corp., NEC Europe Ltd./ Network Laboratories, Nokia Internet Comm., Nokia Research Center, Symbian Ltd.
- The **next IPv6 interoperability** expecting large participation and broad range of topics addressed (including interaction with 3GPP community), is scheduled for **September 2002**, south of France

# The ETSI IPv6 plugtest event 2001: Technical results



- Concerning Core protocols (Neighbor Discovery, Stateless Address Autoconfiguration, Redirect, PMTU discovery, etc), PPPv6 and RIPng,
  - Even though some minor bugs have been detected, implementations are quite stable
- Concerning Transition mechanisms (6to4, NAT-PT, ISATAP),
  - Interoperability tests have lighted misinterpretations of the RFC that have been clarified
- Concerning MIPv6,
  - The difficulty came from the coexistence of several versions (v.13->v.15) of the draft
  - Main tests have been done based on draft v.13

[http://www.etsi.org/plugtests/04History/2001\\_IPv6.htm](http://www.etsi.org/plugtests/04History/2001_IPv6.htm)